

FIG. 1

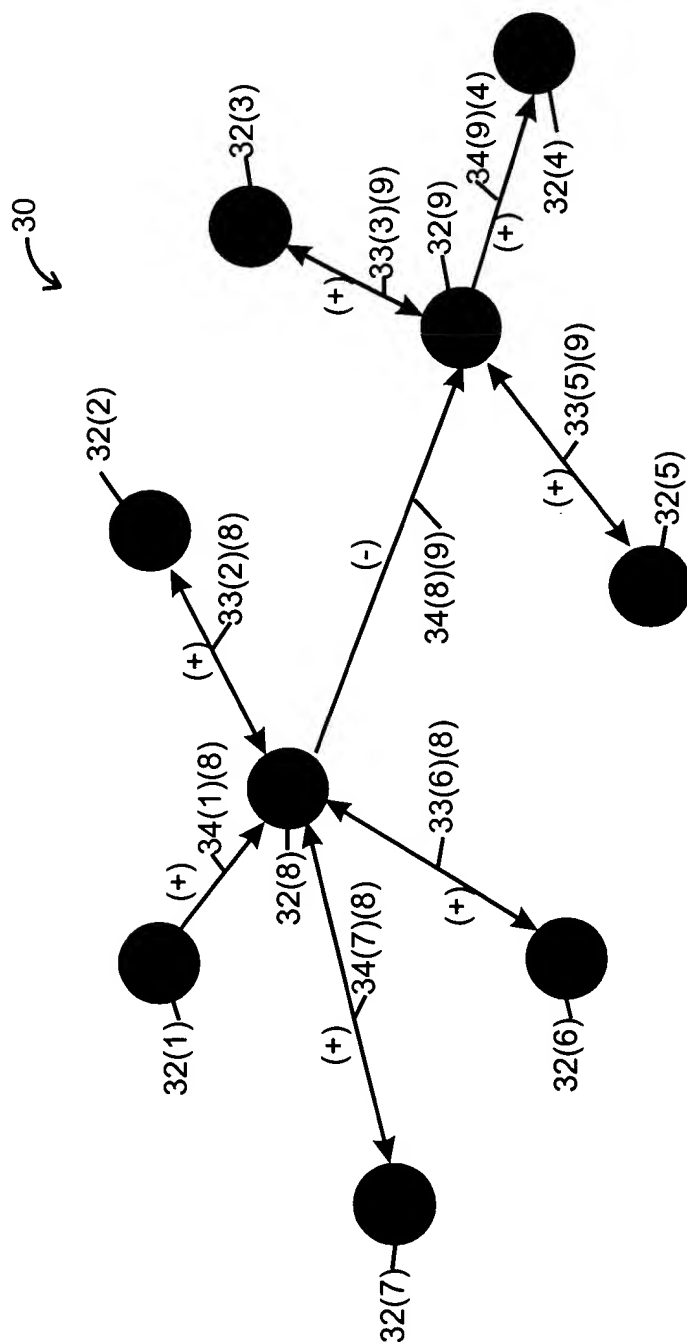


FIG. 2

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100. CONGESTED LINK IDENTIFICATION PROCESSOR 21  
GENERATES A NETWORK CONNECTIVITY GRAPH  
DESCRIBING THE TOPOLOGY OF THE NETWORK 10  
FROM THE CONGESTED PATH INFORMATION



101. CONGESTED LINK IDENTIFICATION PROCESSOR 21  
USES THE CONGESTED PATH INFORMATION TO LABEL  
THE LINKS ("EDGES") IN THE GRAPH GENERATED IN  
STEP 100 TO DIFFERENTIATE EDGES ASSOCIATED WITH  
LINKS FOR WHICH NO CONGESTION IS INDICATED IN THE  
CONGESTED PATH INFORMATION, FROM EDGES  
ASSOCIATED WITH LINKS FOR WHICH AT LEAST SOME  
CONGESTION IS INDICATED IN THE CONGESTED PATH  
INFORMATION



102. CONGESTED LINK IDENTIFICATION PROCESSOR 21,  
USING A SELECTED DEPTH-FIRST SEARCH  
METHODOLOGY, PRUNES THE GRAPH OF EDGES WHICH  
HAVE BEEN LABELED TO INDICATE THEY ARE  
ASSOCIATED WITH LINKS FOR WHICH NO CONGESTION  
IS INDICATED IN THE CONGESTED PATH INFORMATION,  
THEREBY LEAVING EDGES WHICH HAVE BEEN  
ASSOCIATED WITH LINKS FOR WHICH CONGESTION IS  
INDICATED IN THE CONGESTED PATH INFORMATION

FIG. 3